

Second Laureate Fundamental Research

Project Title: Plant Genetic Resources and Biotechnology Application to Sustainable Development

Researcher: Prof. Kazuo WATANABE

Country: Japan

Field: Plant genetics, biotechnology and biodiplomacy

Scientific Affiliation: Gene Research Center, University of Tsukuba



Abstract:

Prof. Kazuo Watanabe has been working on multilateral, international and collaborative research associated with the conservation and utilization of plant genetic resources with biotechnology application for sustainable development at the global basis. Capacity building by technology transfer has been the part of his activities with developing countries, including OIC-COMSTECH, Iranian research organizations such as ABRIL and IBRC have been cardinal partners, especially on the biotechnology application to mitigate the climate changes with abiotic stress tolerance uses on crops and trees. His achievement has a cardinal impact on academic research community elsewhere for guiding the research for sustainable development with the plant genetic resources and their biotechnology applications. There are recognitions of the research achievements beyond borderlines by the governments, intergovernmental organizations, independent scientist communities and people living under harsh environments.

Biography:

Prof. Kazuo Watanabe was born in Osaka, Japan and gained BSc and MSc from Kobe University. He received Ph.D. degree from University of Wisconsin in 1988. He started working at International Potato Center, Lima, Peru from 1988 to 1996. He has been appointed as an adjunct faculty member at Cornell University, USA since 1992. Moreover, he worked at Kindai University, Japan from 1996 to 2000 on plant biotechnology in collaboration with various international organizations. Now, he is a scientific member at the Gene Research Center, University of Tsukuba, Japan.

